



# iRule

## Product Type

AI-Augmented Rule Engine for Regulated Industries/ AI-Augmented Rule Engine for BFSI & Life Sciences

## Product Summary

iRule is a next-generation rule engine that blends structured business rules with AI-powered inference to automate eligibility and compliance workflows.

It enables banks/NBFCs to accelerate loan approvals while maintaining regulatory compliance and helps life sciences organizations qualify patients for clinical trials with accuracy, speed, and transparency.

## Core Capabilities

### ◆ Static & AI-Powered Rules

Combine deterministic filters with AI-generated adaptive rules

### ◆ Prompt-to-Rule Conversion

Natural language prompts converted into executable filters

### ◆ Vector Database Retrieval

Semantic similarity search across financial and patient datasets

### ◆ Audit & Compliance Framework

Built-in logs, rule versioning, and compliance-ready reporting

### ◆ Historical Data Learning

Continuous refinement from past approvals, rejections, and trial outcomes

## Business Benefits

### For BFSI

- Faster, more accurate loan decisioning.
- Improved approval funnel efficiency.
- Transparent, explainable decision logic aligned with RBI and regulatory standards.

### For Life Sciences

- Accelerate patient recruitment for clinical trials.
- Automate inclusion/exclusion criteria validation.
- Ensure compliance with HIPAA, GDPR, and FDA/EMA trial guidelines.

### For Both

- Reduce manual review workload by 80% .
- Improve accuracy by capturing edge cases and contextual signals.
- Deliver scalable, compliant decisioning across geographies and partners.

## Target Users

- Banks & NBFCs
- CROs (Clinical Research Organizations)
- Embedded Finance Providers
- Healthcare & Compliance Data Teams
- Digital Lending Platforms

## Ideal Use Cases

- Real-time loan routing & approvals
- Automated pre-credit bureau scoring
- Clinical trial eligibility screening (inclusion/exclusion criteria)
- Patient population segmentation for research & outreach
- Human-in-the-loop compliance decisioning

## Integration & Compatibility

### • Data Inputs

CSV, JSON, SQL

### • Vector DBs

FAISS, Pinecone, custom

### • LLM Platforms

LangChain, OpenAI

### • APIs

REST endpoints for BFSI & healthcare system integration

### • Deployment

Docker, Kubernetes, Cloud-native, Hybrid